

a carbon region made of one of carbon and a carbon compound provided on at least one of a top, bottom and inside of said island region; and

a metal thin film electrode formed on said insulating layer, wherein electrons are emitted upon application of an electric field between said electron source layer and said metal thin film electrode.

Please add new claims 47-50 to read as follows:

47. (New) An electron-emitting device as claimed in claim 1, wherein said island region defines a concave recess portion.

48. (New) An electron-emitting device as claimed in claim 1, wherein at least one of said carbon region and said metal thin film electron has a film thickness that is gradually reduced in the island region.

49. (New) A display as claimed in claim 1, wherein said island region defines a concave recess portion.

50. (New) A display as claimed in claim 1, wherein at least one of said carbon region and said metal thin film electron has a film thickness that is gradually reduced in the island region.